

12/07/01

1131 U.S. PTO

10/004860  
12/07/01

Please type a sign (+) inside this box

PTO/SB/05 (08-00)

Approved for use through 10/31/2002 OMB 0651-0032  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. PZ007G62YP1D1

First Inventor Young et al

Title Human Secreted Proteins

Express Mail Label No

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- 1.
- ☒
- Fee Transmittal Form (e.g., PTO/SB/17) (in duplicate)
- 
- (Submit an original, and a duplicate for fee processing)

- 2.
- ☐
- Applicant claims small entity status.
- 
- See 37 CFR 1.27.

- 3.
- ☒
- Specification [Total Pages 443]

(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

- 4.
- ☐
- Drawing(s) (35 U.S.C. 113) [Total Sheets \_\_\_\_\_]

- 5.
- ☒
- Oath or Declaration [Total Pages 70]

- a.
- ☐
- Newly executed (original or copy)
- 
- b.
- ☒
- Copy from a prior application (37 CFR 1.63(d))
- 
- (for continuation/divisional with Box 17 completed)
- 
- i.
- ☐
- DELETION OF INVENTOR(S)**
- 
- Signed statement attached deleting inventor(s) named in
- 
- the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

- 6.
- ☒
- Application Data Sheet. See 37 CFR 1.76.

- 7.
- ☐
- CD-ROM or CD-R in duplicate, large table or Computer
- 
- Program (Appendix)
- 
8. Nucleotide and/or Amino Acid Sequence Submission
- 
- (if applicable, all necessary)
- 
- a.
- ☐
- Computer Readable Form (CRF)
- 
- b. Specification Sequence Listing on:
- 
- i.
- ☐
- CD-ROM or CD-R (2 copies); or
- 
- ii.
- ☒
- paper [Total Pages: 605]
- 
- c.
- ☒
- Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

- 9.
- ☒
- Copy of Assignment Papers (cover sheet and
- 
- document(s)) from parent application (48 pages)
- 
- 10.
- ☐
- 37 CFR 3.73(b) Statement
- 
- 11.
- ☒
- Copy of Associate Power of Attorney
- 
- 12.
- ☐
- English Translation Document (if applicable)
- 
- 13.
- ☒
- Information Disclosure Statement/ Form PTO/SB/08
- 
- ☒
- Copies of Citations (Cited references AA-AY)
- 
- 14.
- ☒
- Preliminary Amendment
- 
- 15.
- ☒
- Return Receipt Postcard (MPEP 503)
- 
- (should be specifically itemized)
- 
- 16.
- ☐
- Certified copy of Priority Document(s)
- 
- (if foreign priority is claimed)
- 
- 17.
- ☒
- Other: Request Under 37 C.F.R. § 1.821(e)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76.☐ Continuation ☒ Divisional ☐ Continuation-in-Part (CIP) of prior application No: 09/205,258, filed December 4, 1998  
Prior application information: Examiner M. Moran Group/Art Unit. 1631For CONTINUATION OR DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the  
accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted  
application parts**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

22195

or ☐ Correspondence address below

NAME

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

FAX

NAME (Print/Type) Janet M. Martineau

Registration No. (Attorney/Agent) 46,903

SIGNATURE

Date DECEMBER 7, 2001

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to  
complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.  
SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL

## for FY 2002

(Substitute form)

*Patent fees are subject to annual revision.*

**Complete if Known**

Application Number	To Be Assigned
Filing Date	December 7, 2001
First Named Inventor	Young et al.
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket Number	PZ007G62YP1D1

Total amount of payment **\$1904.00**

### METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to.

Deposit Account Number **08-3425**

Deposit Account Name **Human Genome Sciences, Inc.**

☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

☐ Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other\*

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	\$740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>\$740.00</b>

#### 2. EXTRA CLAIM FEES

Total Claims		Extra Claims	Fee from below	Fee Paid
Independent Claims	Multiple Dependent			
52	-20*	32	\$18.00	\$576.00
10	-3*	7	\$84.00	\$588.00
			\$280.00	

Large Entity		Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
108	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

<b>SUBTOTAL (2)</b>	<b>\$1164.00</b>
---------------------	------------------

\* or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
142	1,280	242	640	Utility issue fee (or reissue)	
195	300	195	300	Publication fee for early, voluntary, or normal publication	
179	740	279	370	Request for Continued Examination (RCE)	
098	130	098	130	Processing fee, except in provisional applications	
126	180	126	180	Submission of Information Disclosure Statement	
123	50	123	50	Processing fee for provisional applications	
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))	
145	100	145	100	Certificate of correction	
147	2,520	147	2,520	Request for <i>ex parte</i> reexamination	
099	8,800	099	8,800	Request for <i>inter partes</i> reexamination	
148	110	248	55	Statutory disclaimer	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
122	130	122	130	Petitions to the Commissioner	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,280	241	640	Petition to revive unintentionally abandoned application	
091	1,280	091	1,280	Acceptance of an unintentionally delayed claim for priority	
561	3	561	3	Printed copy of patent, regular service	
581	40	481	40	Recording each patent assignment per property (times number of properties)	
Other fee (specify):					
Other fee (specify):					
Other fee (specify):					

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) \$0.00**

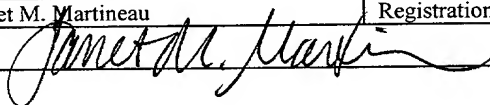
### Submitted By

Name (Print/Type) **Janet M. Martineau**

Registration No.: **46,903**

Telephone **301 315-2723**

Signature:



Date: **DECEMBER 7, 2001**

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Young et al.

Application Serial No.: To be assigned

Art Unit: To be assigned

Filed: Concurrently herewith

Examiner: To be assigned

For: Human Secreted Proteins

Attorney Docket No.: PZ007G62YP1D1

**REQUEST UNDER 37 C.F.R. § 1.821(e)**

Assistant Commissioner for Patents  
Washington, D.C. 20231


Sir:

The above-identified patent application is a division of application Serial No. 09/205,258, filed December 4, 1998. The sequence listing of the instant application is identical to the sequence content of the computer readable sequence listing filed in connection with application Serial No. 09/205,258, on December 4, 1998.

In accordance with 37 C.F.R. § 1.821(e), please use the computer readable form filed in connection with application Serial No. 09/205,258 as the computer readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary change in application number and filing date for the computer readable form that will be used for the instant application. A paper copy of the Sequence Listing is included in the specification of the instant application filed herewith. Applicants hereby certify that the paper copy of the Sequence Listing filed herewith and the computer readable sequence listing filed on December 4, 1998 in connection with application Serial No. 09/205,258 are the same and do not include new matter.

Respectfully submitted,

Date: DECEMBER 7 2001

  
Janet M. Martineau (Reg. No. 46,903)  
Attorney for Applicants

**Human Genome Sciences, Inc.**  
9410 Key West Avenue  
Rockville, Maryland 20850  
Telephone: (301) 315-2723

JMM/SA/vsr

## 207 Human Secreted Proteins

This application claims benefit under 35 U.S.C. 119(e) from U.S. Provisional Patent Application Serial Nos. 60/070,923; 60/092,921 and 60/094,657, and this application is a continuation-in-part of, and claims benefit under 35 U.S.C. § 120 of  
 5 copending United States patent application Serial No: PCT/US98/11422, filed June 4, 1998, which is hereby incorporated herein by reference, which claims benefit under 35 U.S.C. § 119(e) based on U.S. Provisional Applications:

	Filing Date	Appln No.
1.	06-Jun-1997	60/048,885
2.	06-Jun-1997	60/049,375
3.	06-Jun-1997	60/048,881
4.	06-Jun-1997	60/048,880
5.	06-Jun-1997	60/048,896
6.	06-Jun-1997	60/049,020
7.	06-Jun-1997	60/048,876
8.	06-Jun-1997	60/048,895
9.	06-Jun-1997	60/048,884
10.	06-Jun-1997	60/048,894
11.	06-Jun-1997	60/048,971
12.	06-Jun-1997	60/048,964
13.	06-Jun-1997	60/048,882
14.	06-Jun-1997	60/048,899
15.	06-Jun-1997	60/048,893
16.	06-Jun-1997	60/048,900
17.	06-Jun-1997	60/048,901
18.	06-Jun-1997	60/048,892
19.	06-Jun-1997	60/048,915
20.	06-Jun-1997	60/049,019
21.	06-Jun-1997	60/048,970
22.	06-Jun-1997	60/048,972
23.	06-Jun-1997	60/048,916
24.	06-Jun-1997	60/049,373
25.	06-Jun-1997	60/048,875
26.	06-Jun-1997	60/049,374
27.	06-Jun-1997	60/048,917
28.	06-Jun-1997	60/048,949
29.	06-Jun-1997	60/048,974
30.	06-Jun-1997	60/048,883
31.	06-Jun-1997	60/048,897
32.	06-Jun-1997	60/048,898
33.	06-Jun-1997	60/048,962
34.	06-Jun-1997	60/048,963
35.	06-Jun-1997	60/048,877
36.	06-Jun-1997	60/048,878

10004860 720701

37.	05-Sep-1997	60/057,645
38.	05-Sep-1997	60/057,642
39.	05-Sep-1997	60/057,668
40.	05-Sep-1997	60/057,635
41.	05-Sep-1997	60/057,627
42.	05-Sep-1997	60/057,667
43.	05-Sep-1997	60/057,666
44.	05-Sep-1997	60/057,764
45.	05-Sep-1997	60/057,643
46.	05-Sep-1997	60/057,769
47.	05-Sep-1997	60/057,763
48.	05-Sep-1997	60/057,650
49.	05-Sep-1997	60/057,584
50.	05-Sep-1997	60/057,647
51.	05-Sep-1997	60/057,661
52.	05-Sep-1997	60/057,662
53.	05-Sep-1997	60/057,646
54.	05-Sep-1997	60/057,654
55.	05-Sep-1997	60/057,651
56.	05-Sep-1997	60/057,644
57.	05-Sep-1997	60/057,765
58.	05-Sep-1997	60/057,762
59.	05-Sep-1997	60/057,775
60.	05-Sep-1997	60/057,648
61.	05-Sep-1997	60/057,774
62.	05-Sep-1997	60/057,649
63.	05-Sep-1997	60/057,770
64.	05-Sep-1997	60/057,771
65.	05-Sep-1997	60/057,761
66.	05-Sep-1997	60/057,760
67.	05-Sep-1997	60/057,776
68.	05-Sep-1997	60/057,778
69.	05-Sep-1997	60/057,629
70.	05-Sep-1997	60/057,628
71.	05-Sep-1997	60/057,777
72.	05-Sep-1997	60/057,634
73.	18-Dec-1997	60/070,923
74.	15-Jul-1998	60/092,921
75.	30-Jul-1998	60/094,657

TOTAL = 1000460